



Spectral test report for lamp

Product type : TRACKLIGHT
 Product No. : BPM-40W-CCT-B (4000K)
 Manufacturer : BLED

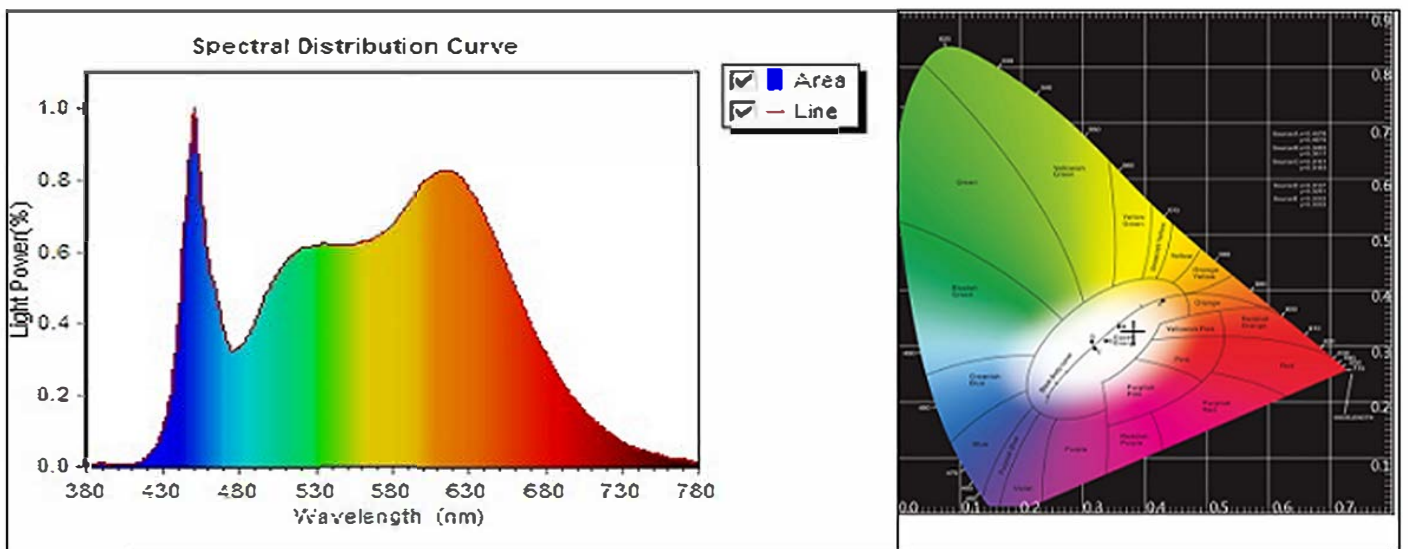
Test date. : 2024-01-18
 Test equipment : SPEC2000A Spectrometer
 Operator. : SANTIAGO

Test Condition

Temperature : 25.0Deg C
 Test range : 380nm-780nm

Humidity : 65%
 Peak AD. : 49814 (76.0%)
 Integral time. : 98ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3767$ $y=0.3660$ $u=0.2270$ $v=0.3308$ ($duv=-0.0040$)
 Color temperature: $TC=4025$ K Color difference: $SDCM=6.0$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.187$
 Peak wavelength: $\lambda_p=449.7$ nm FWHM: $\Delta\lambda_p=22.9$ nm Color ratio: $R=22.34\%$ $G=73.59\%$ $B=4.08\%$

Color rendering index (Ra): $Ra=96.6$

$R1=98.2$ $R2=98.6$ $R3=98.1$ $R4=97.7$ $R5=98.8$ $R6=95.2$ $R7=94.9$ $R8=91.2$
 $R9=78.7$ $R10=98.2$ $R11=94.1$ $R12=81.7$ $R13=98.2$ $R14=98.4$ $R15=97.7$

Optical Parameter

Luminous flux: 3272.099 lm luminous efficiency: 87.02 lm/w Radiant flux: 11.1825 W

Electrical Parameter

Voltage: 230.5 V Current: 0.170 A Watto: 37.60 W Power factor: 0.958

MEASUREFINE

Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>